

Converting Colors

Yxy(69.8020, 0.3070, 0.3216)

Have a look what the booklet for
Yxy(69.8020, 0.3070, 0.3216)
contains.

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Color

Yxy(69.6065, 0.3074, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	D8D9E0
RGB	216, 217, 224
RGB Percent	85%, 85%, 88%
CMY	0.1528, 0.1490, 0.1216
CMYK	0.04, 0.03, 0.00, 0.12
HSL	233°, 11%, 86%
HSV	233°, 4%, 88%
XYZ	66.5952, 69.6065, 80.4385
YIQ	217.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

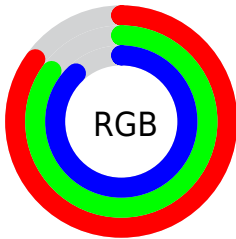
Format	Color
R _Y B	216, 217, 224
Decimal	14211552
CIE Lab	86.80, 0.97, -3.55
CIE LCh	87, 3.683, 285.302
Yxy	69.6065, 0.3074, 0.3213
Android (android.graphics.Color)	4292401632 (0xFFD8D9E0)
YUV	217.4990, 3.2050, -1.3146
Hunter-Lab	83.4305, -3.5226, 1.2376

Details

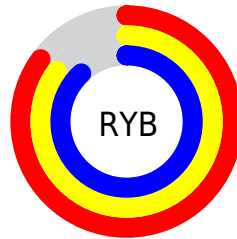
The Yxy color **69.6065, 0.3074, 0.3213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6055, 0.3180, 0.3366**, and the grayscale version is **69.7329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2823, 0.3057, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **56.8545, 0.2912, 0.2976**, and if you desaturate by 10%, it is **84.0459, 0.3218, 0.3421**.

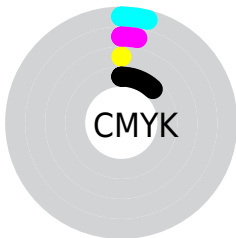
Distribution



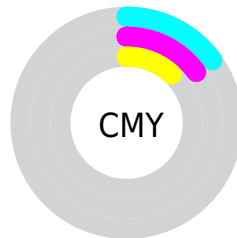
- Red (85%)
- Green (85%)
- Blue (88%)



- Red (85%)
- Yellow (85%)
- Blue (88%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6065, 0.3074, 0.3213 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 69.6065, 0.3074, 0.3213 by changing the saturation by 10% instead.

■ 69.6065, 0.3074,
0.3213

■ 69.6065, 0.3074,
0.3213

459.1671, 0.3099,
0.3249

■ 51.2058, 0.3068,
0.3205

118.6474, 0.3083,
0.3226

■ 36.3724, 0.3061,
0.3194

150.0564, 0.3086,
0.3230

■ 24.7220, 0.3052,
0.3181

186.5704, 0.3089,
0.3235

■ 15.8700, 0.3040,
0.3164

228.5736, 0.3091,
0.3238

■ 9.4322, 0.3024,
0.3141

276.4504, 0.3094,
0.3241

■ 5.0242, 0.2999,
0.3106

330.5854, 0.3096,

■ 2.2614, 0.2960,

0.3244

0.3051

391.3628, 0.3097,
0.3247

0.7532, 0.2883,
0.2936

0.0000, 0.0000,
0.0000

69.6065, 0.3074,
0.3213

69.6065, 0.3074,
0.3213

56.8545, 0.2912,
0.2976

84.0459, 0.3218,
0.3421

45.7196, 0.2733,
0.2709

98.1613, 0.3310,
0.3592

36.1396, 0.2540,
0.2415

28.0451, 0.2338,
0.2100

■ 21.3610, 0.2135,
0.1775

■ 16.0061, 0.1942,
0.1458

■ 11.8904, 0.1774,
0.1168

■ 8.9127, 0.1642,
0.0927

■ 6.9552, 0.1556,
0.0752

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.6065, 0.3046, 0.3226



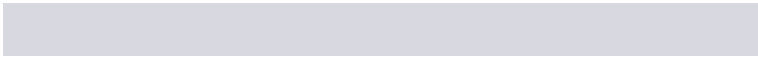
69.6065, 0.3074, 0.3213



69.6065, 0.3116, 0.3221

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6065, 0.3074, 0.3213



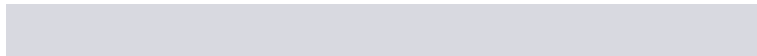
69.6065, 0.3215, 0.3324



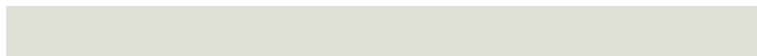
69.6065, 0.3093, 0.3334

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.6065, 0.3074, 0.3213



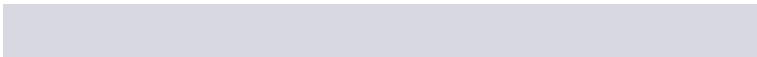
73.6055, 0.3180, 0.3366

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6065, 0.3138, 0.3361



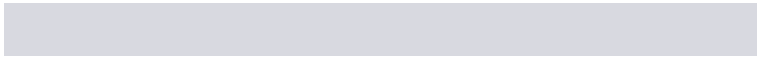
69.6065, 0.3074, 0.3213



69.6065, 0.3209, 0.3355

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6065, 0.3074, 0.3213



69.6065, 0.3198, 0.3285



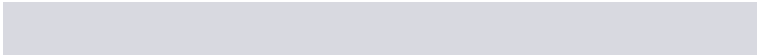
69.6065, 0.3180, 0.3368



69.6065, 0.3057, 0.3295

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6065, 0.3074, 0.3213



69.6065, 0.3147, 0.3237



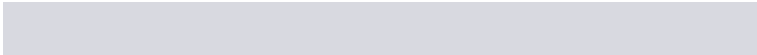
69.6065, 0.3180, 0.3368



69.6065, 0.3108, 0.3345

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.6095, 0.3074, 0.3213



98.0946, 0.3112, 0.3269



73.2363, 0.3079, 0.3301



21.0164, 0.3113, 0.3270



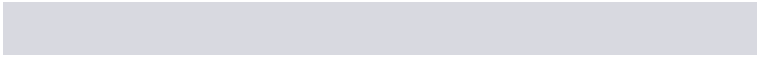
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6095, 0.3074, 0.3213



92.5164, 0.3067, 0.3202



69.5713, 0.3095, 0.3203



14.8439, 0.3056, 0.3187



3.6667, 0.1525, 0.0691



0.3423, 0.1582, 0.0894

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.9913, 0.3179, 0.3280



93.0985, 0.3186, 0.3278



73.6508, 0.3159, 0.3376



14.9549, 0.3197, 0.3276



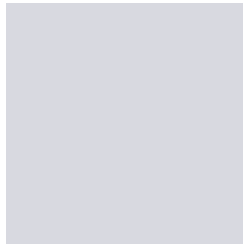
9.2782, 0.6248, 0.3216



0.6520, 0.5920, 0.3035

Previews

White Background



This preview shows how the Yxy color 69.6065, 0.3074, 0.3213 looks on a white background.

Color Contrast Check

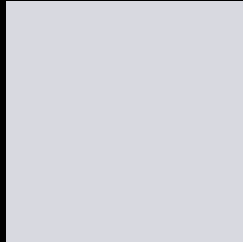
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 69.6065, 0.3074, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

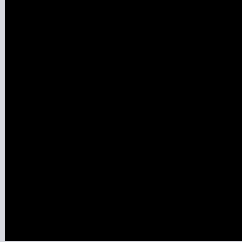
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

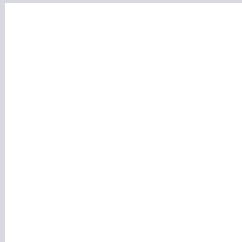
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6065, 0.3074, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 69.6065, 0.3074, 0.3213.

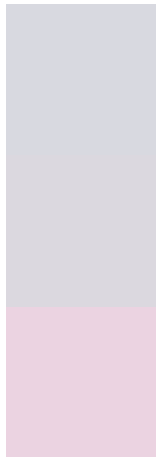


This preview shows how white text looks on a background with the Yxy color 69.6065, 0.3074, 0.3213.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.6065, 0.3074, 0.3213

Protanopia

69.4995, 0.3102, 0.3213

Deuteranopia

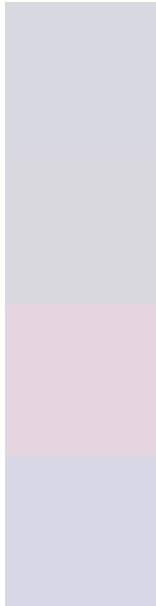
69.6869, 0.3208, 0.3142



Tritanopia

69.7466, 0.3022, 0.3105

Trichromacy



Original Color

69.6065, 0.3074, 0.3213

Protanomaly

69.3449, 0.3095, 0.3213

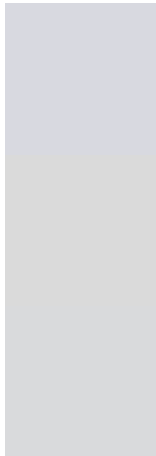
Deuteranomaly

69.5187, 0.3155, 0.3161

Tritanomaly

69.5766, 0.3042, 0.3137

Monochromacy



Original Color

69.6065, 0.3074, 0.3213

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.0618, 0.3107, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6065, 0.3074, 0.3213 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(216, 217, 224) looks like.

```
.text, #text, p{  
    color:rgb(216, 217, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 217, 224) }
```

Border

The CSS property to change the border of an element to Yxy 69.6065, 0.3074, 0.3213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 217, 224) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 217, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(216, 217, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(216, 217,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6065, 0.3074, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 217, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
217, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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